Index of Claims

| Application/Contro | l No. |
|--------------------|-------|
|--------------------|-------|

10/724,710

Examiner

Rakesh Kumar

Applicant(s)/Patent under Reexamination

ITOH, TERUAKI

Art Unit

3654

| √ | Rejected |
|----------|----------|
| = | Allowed |

| | (Through numeral) Cancelled |
|---|--------------------------------|
| П | |

÷

Restricted

| Z | Non-Elected |
|---|--------------|
| ı | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| Cla | ıim | | | | [| Date | | | | | | Cla | im | | | | _ | Date | • |
|----------|----------|----------|------------|--|----------|--|--------------|----------|--|----------|---|--|----------|----------|--------------|--------------|----------|----------|--------------|
| Final | Original | 90/8/9 | | | | | | | | | | Final | Original | | | | | | |
| | 1 | 1 | | | | | | | | | | | 51 | | | | | | |
| | 2 | 1 | | | | | | | | | | | 52 | | | | | | |
| | 3 | 1 | | | | | | | | | | | 53 | | | | | | _ |
| | 4 | 1 | | | | | | | | | | | 54 | | | | | _ | _ |
| | 5 | L | | | | <u> </u> | <u> </u> | _ | | Ш | | | 55 | | | | | | |
| | 6 | <u></u> | | | <u> </u> | | _ | | | Ш | | | 56 | | | | | | $oxed{oxed}$ |
| | 7 | L. | L | _ | | ╙ | ļ | _ | | | | | 57 | | | | | | _ |
| <u> </u> | 8 | <u> </u> | _ | | | | <u> </u> | _ | _ | | | | 58 | Ш | | | - | \vdash | _ |
| <u> </u> | 9 | | | | <u> </u> | ļ | <u> </u> | <u> </u> | _ | _ | | | 59 | | | | | | _ |
| <u> </u> | 10 | | | _ | ⊢ | _ | <u> </u> | - | - | - | | | 60 | _ | _ | _ | _ | _ | - |
| <u> </u> | 11 | - | _ | | - | ⊢ | ⊢ | - | ⊢ | ├ | | | 61 62 | _ | - | _ | | H | - |
| <u> </u> | 12 13 | ⊢ | ├ | - | _ | ├ | ⊢ | ⊢ | ┢ | ļ | | - | 63 | _ | | | - | ┢ | ⊢ |
| - | 14 | ├ | - | ⊢ | | ⊢ | ⊢ | ⊢ | ⊢ | - | | | 64 | | _ | \vdash | _ | - | ⊢ |
| - | 15 | ├ | | ├ | \vdash | ⊢ | | | | ┝ | | <u> </u> | 65 | - | _ | \vdash | - | - | ⊢ |
| | 16 | ├- | ┢ | | ⊢ | ├ | ┢ | | - | \vdash | | | 66 | - | | - | - | ┢ | ┢ |
| | 17 | ⊢ | - | ┢ | ⊢ | H | ╁ | | \vdash | ├─ | | | 67 | - | ┢ | \vdash | \vdash | \vdash | ┢ |
| | 18 | ┢ | ┢ | ┢ | - | - | | ╁ | \vdash | ┢ | | - | 68 | - | \vdash | \vdash | 一 | \vdash | ┢ |
| | 19 | - | ┢ | - | ┪ | ╁ | \vdash | \vdash | | H | | | 69 | _ | \vdash | ┢ | \vdash | ╁ | \vdash |
| | 20 | H | ╁ | ╁ | H | ┢ | H | \vdash | \vdash | \vdash | 1 | | 70 | ┢ | \vdash | | \vdash | t | ┢ |
| | 21 | +- | \vdash | | - | | - | \vdash | ╁ | 1 | | | 71 | | _ | \vdash | \vdash | \vdash | _ |
| | 22 | H | ╁ | - | t | 1 | \vdash | \vdash | | \vdash | i | | 72 | \vdash | | | _ | | T |
| - | 23 | \vdash | \vdash | | ┢ | | \vdash | \vdash | 1 | - | 1 | | 73 | | | \vdash | _ | Г | Г |
| | 24 | \vdash | H | \vdash | | ┢ | \vdash | \vdash | 1 | | 1 | | 74 | | | I | | Г | Τ |
| | 25 | ┢╌ | | | \vdash | 1 | | T | 1 | Т | l | | 75 | | \Box | | | | Τ |
| | 26 | T | | T | 1 | T | | | Г | Т | ĺ | | 76 | | | | | Г | Г |
| | 27 | † · · · | | | Г | | | Т | Π | Г | | | 77 | | | | | | |
| | 28 | | | | Г | | | Г | | Г | 1 | | 78 | | | | | | |
| | 29 | Т | | | | | | | | | | | 79 | | | L | | | |
| | 30 | | | | | | | | | |] | | 80 | | | | | | L |
| | 31 | | | | | | | \Box | | | | | 81 | | <u> </u> | L | <u> </u> | L | 丄 |
| | 32 | | | Ĺ | | | L | | | | | | 82 | L | | | _ | <u> </u> | ┖ |
| | 33 | | | | L | 上 | L | ╙ | L | ┖ | | | 83 | ╙ | _ | ╙ | | <u> </u> | 1_ |
| <u></u> | 34 | _ | lacksquare | | 乚 | <u> </u> | _ | <u> </u> | Ļ | ╙ | 1 | _ | 84 | _ | <u> </u> | ┞ | _ | ╙ | ╄ |
| | 35 | Ļ | L | L | _ | 1_ | | <u> </u> | <u> </u> | <u> </u> | Į | <u> </u> | 85 | <u> </u> | ┞ | ┞ | ╙ | ⊢ | ╄ |
| | 36 | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ↓_ | ↓_ | ⊢ | _ | | <u> </u> | 86 | <u> </u> | ┡ | | ┡ | ┡ | ╀ |
| | 37 | - | ╙ | ļ | <u> </u> | | ╄ | 1 | ╀ | ╄ | ļ | | 87 | ┡ | ├ | <u> </u> | ┡- | ├- | ╀ |
| | 38 | ┡ | | <u> </u> | <u> </u> | ╄ | ╄- | \vdash | ↓_ | ╄ | 1 | <u> </u> | 88 | ┝ | ├- | <u> </u> | ⊢ | ┰ | ╀ |
| | 39 | + | ╀ | ⊢ | ⊢ | ╄ | + | ╁ | ╁ | ┼ | ł | | 89 | - | ├- | ⊢ | ┢ | ├ | ╁ |
| \vdash | 40 | ╀╌ | ┼ | ┡ | ├ | ┾ | ╁ | ╀ | ┼ | ╁ | ┨ | <u> </u> | 90 91 | ⊢ | | - | ┢ | ╁ | ╁ |
| - | 41 42 | ╄ | ┢ | ⊢ | ╀ | ╁ | ┼- | ╀ | ╀ | ╁ | 1 | - | 91 | ╀ | ├ | ⊢ | ┞ | ╁ | ╁ |
| | 43 | ╀ | ╁ | ╁ | ╁ | ┿ | ╁ | ╁ | ╁ | ╆ | 1 | \vdash | 92 93 | ⊢ | ╀ | - | \vdash | ╁ | ╁╌ |
| | 44 | ╀ | + | \vdash | ╁ | +- | + | + | + | +- | 1 | - | 94 | \vdash | +- | + | \vdash | +- | + |
| - | 45 | + | +- | + | \vdash | + | + | + | +- | +- | 1 | <u> </u> | 95 | +- | +- | 1 | ╁ | + | ╁ |
| - | 46 | ╁ | + | \vdash | + | + | + | + | ╁ | + | 1 | | 96 | \vdash | \vdash | + | 1 | t | T |
| | 47 | + | + | + | ╁ | ╁ | ╁ | + | + | + | 1 | | 97 | \vdash | \vdash | + | + | + | + |
| - | 48 | + | + | + | ╁ | + | + | + | ╁╴ | ╁ | 1 | - | 98 | \vdash | \vdash | + | ╁╌ | + | + |
| \vdash | 49 | + | 1 | + | \vdash | + | + | +- | + | + | 1 | | 99 | \vdash | +- | T | t | + | + |
| - | 50 | + | + | + | ╁ | + | + | + | + | T | 1 | \vdash | 100 | 1 | 1 | T | + | 十 | † |
| _ | , 55 | | | ــــــــــــــــــــــــــــــــــــــ | | _ | _ | _ | _ | | ı | ш | 1.00 | _ | _ | _ | _ | | _ |

| Cla | im | | | | C | ate |) | | | |
|---------------|----------------|-----------------|---------------|-------------------------------------|----------|----------|--------------|--------------|----------|--------------------|
| | _ | T | | I | I | I | I | I | | |
| <u> </u> | Original | | | | | I | I | | - 1 | |
| Final | .E | | I | | | | - | | | |
| - | O | | I | Į | | | - 1 | | ļ | |
| | 51 | + | \dashv | \dashv | \dashv | \dashv | | \dashv | \dashv | |
| | 52 | + | - | \dashv | | \dashv | | \dashv | \dashv | _ |
| \vdash | 52 53 | - | \dashv | - | - | | | - | \dashv | |
| <u> </u> | 53 | - | \dashv | - | \dashv | \dashv | | \dashv | | |
| <u> </u> | 54 | - | | _ | | \dashv | - | _ | - | _ |
| L | 55 | - | _ | | | - | _ | _ | | |
| | 56 | _ | _ | _ | _ | _ | _ | _ | _ | |
| L | 57 | _ | _ | _ | _ | _ | _ | _ | | |
| <u></u> | 58 | _ | | | | | | | | _ |
| | 59 | | _ | | | | | | | |
| | 60 | | | | | | | | | |
| | 61 | | | | | | | | | |
| | 62 | | | | | | | | | |
| | 63 | | | | | | | | | |
| | 64 | $\neg \uparrow$ | | | | | | | | |
| | 65 | | | | | | | | | |
| | 66 | | | | | | | | | |
| | 67 | \neg | | | | | | | | |
| - | 68 | 寸 | $\overline{}$ | | | | - | | | |
| - | 69 | _ | = | _ | | \vdash | - | Н | | |
| - | 70 | \dashv | _ | _ | \vdash | _ | \vdash | Н | | |
| | 71 | \dashv | | H | \vdash | \vdash | - | - | - | _ |
| | 71 72 73 | - | | \vdash | | H | - | - | _ | _ |
| | 72 | - | | - | - | - | \vdash | | \vdash | |
| | 73 | \dashv | | ├─ | - | H | ┝ | _ | \vdash | _ |
| | 74 | | | _ | - | - | | <u> </u> | \vdash | |
| <u> </u> | 75 | \dashv | | | ⊢ | - | ├- | ├ | - | - |
| <u> </u> | 76 | - | | _ | - | - | - | <u> </u> | \vdash | |
| ļ | 77 | - | | <u> </u> | - | ļ | _ | <u> </u> | <u> </u> | - |
| <u></u> | 78 | _ | | <u> </u> | _ | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> |
| | 79 | _ | | ᆫ | <u> </u> | ╙ | <u> </u> | _ | <u> </u> | <u> </u> |
| | 80 | | | | _ | ╙ | | _ | <u> </u> | L |
| | 81 | | | L | | 乚 | L | L | _ | _ |
| | 82 | | _ | <u> </u> | | L_ | <u> </u> | <u> </u> | | _ |
| | 83 | | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L | L | <u> </u> | <u> </u> | _ | _ |
| | 84 | | | _ | _ | | | | _ | L |
| | 85 | | | | L | \Box | L | | | $oxed{oxed}$ |
| | 86 | | _ | | L | | Ĺ | L | _ | $oxedsymbol{oxed}$ |
| | 87 | | | | L | | | | | Ĺ |
| | 88 | | | | | | | | | Ĺ |
| | 89 | | | | Π | Π | | | | |
| | 90 | П | | | | Π | | | | |
| | 91 | | | Г | П | | Γ | | Π | I |
| | 92 | | | П | Г | | | | | |
| | 93 | | | 1 | T | Π | | П | Τ | Π |
| | 94 | П | _ | \vdash | Τ | 1 | \vdash | Т | 1 | Γ |
| | 95 | | _ | \vdash | \vdash | \vdash | 1 | T | | T |
| | 96 | | | ┢ | 1 | | T | 1 | \vdash | Н |
| | 97 | Н | _ | \vdash | \vdash | \vdash | \vdash | \vdash | T | 1 |
| - | 98 | \vdash | \vdash | \vdash | ┼ | \vdash | \vdash | \vdash | \vdash | \vdash |
| | 99 | - | _ | \vdash | ╁ | ╁ | 1 | \vdash | +- | - |
| \vdash | 100 | - | \vdash | \vdash | ┼ | \vdash | ╁ | \vdash | ⊢ | ╁╌ |
| 1 | IIUU | I ' | ı | 1 | 1 | 1 | 1_ | 1 | 1 | 1 |

| Cla | aim | - | | | | ate | , | | | |
|----------|-------------------|------------|----------|----------|----------|----------|--|------------|----------|----------|
| | | | | | | | | | | |
| Final | Original | ĺ | | | | | | | | |
| Œ | <u>ö</u> | | | | | | | | | ł |
| | 101 | \dashv | _ | | | | | \dashv | | |
| | 102 | | | | | | | | \Box | |
| | 102 103 | | | | | | | | | |
| | 104 105 | | | | | | | | | _ |
| | 105 | | | Ш | | | | | | _ |
| | 106 | | | | | | \perp | | | _ |
| | 107 | | | _ | | | | | - | ᅴ |
| | 108 | - | | | | | | | | 긕 |
| | 109 | - | | \vdash | | | _ | _ | \dashv | |
| | 110 111 | - | | Н | | | _ | Н | \vdash | \dashv |
| | 112 | Н | _ | - | \vdash | H | Н | | \Box | _ |
| | 113 | - | _ | Н | _ | _ | | Н | \vdash | |
| | 113 114 115 | М | Т | | Т | Г | | | | ᅥ |
| | 115 | П | | | | | _ | | | \neg |
| | 1116 | | | | | | | | | |
| | 117 | | | | | | | | | |
| | 118 | | | | L. | _ | L | | _ | |
| | 119 | | _ | | L_ | L | _ | <u> </u> | | |
| | 120 | | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | |
| | 121 122 123 | _ | ┡ | | <u> </u> | <u> </u> | - | _ | | |
| ļ | 122 | | ┝ | - | ⊢ | <u> </u> | H | | - | \dashv |
| <u> </u> | 123 | | <u> </u> | - | ⊢ | - | ┢ | - | Н | \dashv |
| | 124 125 | H | \vdash | | \vdash | - | ┢ | H | | \dashv |
| | 126 | ┢ | \vdash | \vdash | | H | H | ┢ | | \vdash |
| | 127 | ╁ | ┢ | \vdash | | \vdash | \vdash | - | Т | |
| | 126 127 128 | | | Г | | T . | | | | |
| | 129 130 | | | Г | | | | | | |
| | 130 | | | | | | | L | L | |
| | 1 131 | L | | _ | | | | | | |
| | 132 133 134 | L | _ | <u> </u> | L | _ | _ | _ | L | Ш |
| | 133 | L | <u> </u> | <u> </u> | <u> </u> | ┞- | ┞ | <u> </u> | ↓_ | |
| | 134 | <u> </u> | ⊢ | ┞ | _ | ├ | ⊢ | <u> </u> | ├- | |
| <u> </u> | 135 136 | ⊢ | ├ | - | ⊢ | - | - | ├ | ├ | - |
| - | 137 | ┢ | ⊢ | ╁ | ⊢ | - | ⊢ | ╁ | ╁╾ | - |
| - | 138 | \vdash | \vdash | ╁╾ | ┢ | ╁╌ | ╁ | \vdash | ╁┈ | - |
| | 139 | \vdash | ┼┈ | - | \vdash | ╁ | ╁╌ | 一 | | |
| | 140 | | | ✝ | f | \vdash | | \vdash | | |
| | 141 | Т | Г | \vdash | T | Т | | | | |
| | 142 | | | Г | | | | | | |
| | 143 | | | | | | | | | 匚 |
| | 144 | 匚 | 匚 | Ĺ | 匚 | L | L | L | <u> </u> | |
| | 145 | <u> </u> . | _ | _ | _ | | _ | ! _ | ـــــ | <u> </u> |
| | 146 | ــــ | \perp | 1_ | 1 | ┺ | ┺ | ↓_ | \vdash | |
| <u> </u> | 147 | 1- | ╄ | ⊢ | 1 | ╀ | ╀ | ↓- | 1 | ₩ |
| <u> </u> | 148 | 1 | _ | | \vdash | ╀ | +- | ╀ | - | ₩ |
| | 149 150 | + | \vdash | + | ╀ | ╀ | - | ╀ | ┼ | ├ |
| | 1 100 | <u>i</u> | _ | <u> </u> | _ | L_ | <u></u> | 1 | <u> </u> | <u> </u> |